

IN THE CLAIMS:

Please amend claims 1, 3, 5, 7, 9, 16, 28, 32 and 33 as indicated in the following.

Please cancel claims 2, 20-27, 31 and 34-41 without prejudice or disclaimer as indicated in the following.

Claims Listing:

1. (Currently Amended) A method comprising:

identifying a first display content to be displayed at a first time;

identifying a second display content to be displayed at a second time, wherein the second time is after the first time;

providing display data to a display port at a first frame rate[, when]] if the first display content is different from the second display content; [[and]]

providing display data to the display port at a second frame rate[, when]] if the first display content is substantially the same as the second display content, wherein the second frame rate is less than the first frame rate;

enabling a first clock rate if the first display content is different from the second display content; and

enabling a second clock rate if the first display content is substantially the same as the second display content, wherein the second clock rate is less than the first clock rate.

2. (Canceled)

3. (Currently Amended) The method as in ~~Claim 2~~Claim 1, wherein enabling the first clock rate includes:

providing a clock signal associated with an oscillator to a phase locked loop; and

providing a locked clock signal generated by the phase locked loop to a clock bus.

4. (Previously Presented) The method as in Claim 3, further wherein enabling the second clock rate includes:

disabling the phase locked loop; and
providing the clock signal associated with the oscillator to the clock bus.

5. (Currently Amended) The method as in Claim 1, further including:
representing the display data using a first number of bits[, when]] if the first display content is different from the second display content; and
representing the display data using a second number of bits[, when]] if the first display content is substantially the same as the second display content, wherein the second number of bits is less than the first number of bits.

6. (Previously Presented) The method as in Claim 5, wherein the first and second numbers of bits are associated with a color depth.

7. (Currently Amended) The method as in Claim 1, further including:
activating a first number of interface lines associated with the display port[, when]] if the first display content is different from the second display content; and
activating a second number of interface lines associated with the display port[, when]] if the first display content is substantially the same as the second display content, wherein the second number of ~~control~~ interface lines is less than the first number of ~~control~~ interface lines associated with the display port.

8. (Original) The method as in Claim 7, wherein the interface lines include one of digital to analog converter input lines, transition minimized differential signaling input lines, or low voltage differential signaling input lines.

9. (Currently Amended) ~~The method as in Claim 1, further including:~~ A method comprising:

identifying a first display content to be displayed at a first time;

identifying a second display content to be displayed at a second time, wherein the second time is after the first time;

providing display data to a display port at a first frame rate if the first display content is different from the second display content;

providing display data to the display port at a second frame rate if the first display content is substantially the same as the second display content, wherein the second frame rate is less than the first frame rate;

identifying a third display content to be displayed at a third time, wherein the third time is after the second time;

providing display data with a first color depth[, when]] if the third display content is different from the first display content; and

providing display data with a second color depth[, when]] if the third display content is substantially the same as the first display content, [[when]]wherein the second color depth is less than the first color depth.

10. (Previously Presented) The method as in Claim 1, wherein the display port is a display port of a portable device.

11. (Original) The method as in Claim 10, wherein the portable device includes a personal digital assistant.

12. (Original) The method as in Claim 1, wherein the display content is associated with a personal digital assistant.

13. (Original) The method as in Claim 1, wherein the display data is for output on a display device.

14. (Original) The method as in Claim 13, wherein the display device includes a screen associated with a personal digital assistant.

15. (Original) The method as in Claim 14, wherein the display device includes a liquid crystal display.

16. (Currently Amended) The method as in Claim 1, further including:
supporting a first nominal power[[, when]] if the first display content is different from the second display content; and
supporting a second nominal power[[, when]] if the first display content is substantially the same as the second display content, wherein the second nominal power is less than the first nominal power.

17. (Original) The method as in Claim 1, wherein a number of bits used to represent multimedia data is changed to match a change in nominal power.

18. (Original) The method as in Claim 17, wherein the multimedia data includes video data.

19. (Original) The method as in Claim 17, wherein the multimedia data includes audio data.

20. - 27. (Canceled)

28. (Currently Amended) A system comprising:

a content analyzer to compare a first display content to be displayed at a first time with a second display content to be displayed at a second time, wherein the second time is after the first time;

a display module to alter a frame rate for providing display data to a display port, wherein said frame rate is based on the comparison performed by said content analyzer;

a power module to:

enable a first clock rate if said content analyzer determines the first display content is different from the second display content; and

enable a second clock rate if said content analyzer determines the first display content is substantially the same as the second display content, wherein said second clock rate is less than said first clock rate; and

said display port to output said display data.

29. (Previously Presented) The system as in Claim 28, wherein said display module further is to:

apply a first frame rate for providing display data to said display port, when said content analyzer determines the first display content is different from the second display content; and

apply a second frame rate for providing display data to said display port, when said content analyzer determines the first display content is substantially the same as the second display content, wherein the second frame rate is less than the first frame rate.

30. (Original) The system as in Claim 28, wherein said first display content is stored in memory.

31. (Canceled)

32. (Currently Amended) The system as in Claim 28, ~~further including a power module,~~
~~said power module to~~wherein said power module further is to:

support a first nominal power[[, when]]if said content analyzer determines the first
display content is different from the second display content; and

support a second nominal power [[when]]if said content analyzer determines the first
display content is substantially the same as the second display content, wherein
said second nominal power is less than said first nominal power.

33. (Currently Amended) A system comprising:

a content analyzer to:

compare a first display content to be displayed at a first time with a second display content to be displayed at a second time, wherein the second time is after the first time; and

compare a third display content to be displayed at a third time with the first display content, wherein the third time is after the second time;

a display module to:

alter a frame rate for providing display data to a display port, wherein said frame rate is based on the comparison performed by said content analyzer;

provide display data with a first color depth if the content analyzer determines the third display content is different from the first display content; and

provide display data with a second color depth if the content analyzer determines the third display content is substantially the same as the first display content; and

said display port to output said display data. The system as in Claim 28, wherein:

~~said content analyzer further used to compare a third display content to be displayed at a third time with the first display content, wherein the third time is after the second time; and~~

~~said display module further to:~~

~~provide display data with a first color depth, when the content analyzer determines the third display content is different from the first display content; and~~

~~provide display data with a second color depth, when the content analyzer determines the third display content is substantially the same as the first display content.~~

34. - 41. (Canceled)